

OFFICE OF PESTICIDE PROGRAMS  
REGISTRATION DIVISION (7505P)

MEMORANDUM

W. Hasler  
D.L. TOXICOLOGY

Applicant: Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Ind. Blvd.  
St. Louis, MO 63122

Total: 99.995  
100.000%

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**BACKGROUND:** Whitmire Micro-Gen Research Laboratories, Inc. has applied for registration of TC-335, EPA File Symbol 499-LAG. To satisfy the acute toxicity data requirements, the registrant is citing data used to support the registration of TC-300, EPA Reg. No. 499-545. Both products are ready-to-use formulations in pressurized containers containing fipronil as the active ingredient (0.06% in the cited product vs. 0.005% in the proposed product). The submission includes a basic CSF and alternate #1 CSF both dated January 25, 2012, a label, data matrix and company letter.

The data matrix cites acute toxicity studies with MRIDs 479121-02 to -07. A search of the OPP electronic databases shows that these studies were submitted to support the registration of TC-300, EPA Reg. No. 499-545. They were reviewed and classified as acceptable in a prior TRB memo (McAndrew; D380713; EPA File Symbol 499-LUL; 12/APR/2011).

#### **RECOMMENDATIONS:**

1. TRB compared the basic CSFs of the proposed product, 499-LAG, and the cited product, 499-545, and determined that the formulations are toxicologically similar. The cited acute toxicity data referenced above may be used to support the registration of the proposed product.
2. The acute toxicity profile for the proposed product, TC-335, EPA File Symbol 499-LAG, is as follows:

acute oral toxicity	IV	cited	MRID 47912102
acute dermal toxicity	IV	cited	MRID 47912103
acute inhalation toxicity	IV	cited	MRID 47912107
primary eye irritation	IV	cited	MRID 47912104
primary skin irritation	IV	cited	MRID 47912105
dermal sensitization	negative	cited	MRID 47912106

3. The proposed basic and alternate CSFs submitted for 499-LAG must be reviewed and accepted by the TRB Product Chemistry Team.

**LABELING:** Based on the toxicity profile above, the following are the precautionary and first aid statements for this product as obtained from the Label Review System:

**PRODUCT ID #:** 000499-00563

**PRODUCT NAME:** TC-335

#### **PRECAUTIONARY STATEMENTS**

**SIGNAL WORD:** CAUTION  
(optional)

**Hazards to Humans and Domestic Animals:**

**First Aid:** No statements are required. Category III statements may be used.